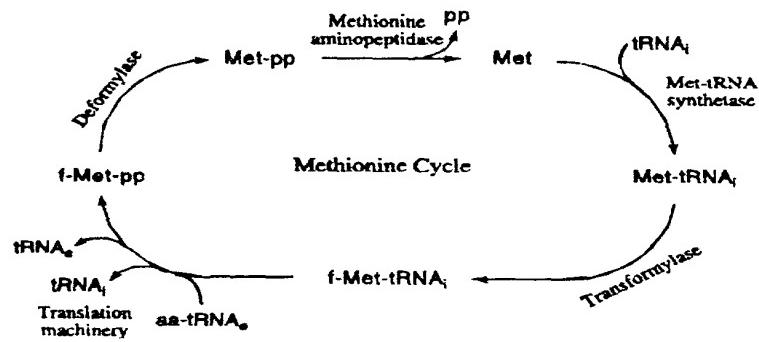


FIGURE 1



Title: CRYSTALLIZATION AND STRUCTURE OF STAPHYLOCOCCUS AUREUS PEPTIDE
DEFORMYLASE
Applicant(s): Eric T. BALDWIN et al. Serial No.: Unassigned Filed: Herewith
Docket: 6317.N Express Mail No.: EL 776903883 US Sheet 2 of 19

FIGURE 2

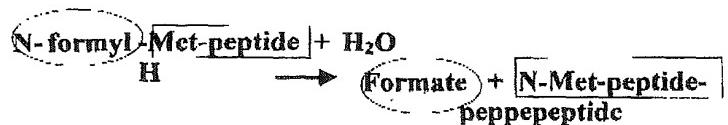


FIGURE 3

SEQ ID NO: 6 Pseudo pdf	1	50
SEQ ID NO: 2 E. coli pdf	-----	-----M AIKKLVPASH
SEQ ID NO: 3 Haemop influ	-----	-----SVLQVLHIPD
SEQ ID NO: 4 Bacillus sub	-----	-----M TALNVLIYPD
SEQ ID NO: 5 Mycopl pneu	MTKILPVSTI SIFRIILILP QINMELLPTK AWLVLDVKE INEPTKPVQF	M AVKKVVTHPA
SEQ ID NO: 1 Active pdf	MYEYLNNLFT VIQ..LKQIK IRKVQYMLTM KDIIRDGHPT LRQKAAELEL	
Pseudo pdf	51	100
E. coli pdf	PILTKKAQAV KTFDDSLKRL LQDLEDATMYA .QEAAGLCAP QINQSLQVAI	
Haemop influ	ERLRKVAKPV EEVNAEIQRI VDDMFETMYA .EEGIGLAAT QVDIHQRIIV	
Bacillus sub	DHLKVVCEPV TKVNDAIRKI VDDMFDTMYQ .EKGIGLAAP QVDILQRIIT	
Mycopl pneu	EVLETTPAETV TVFDKKLKLL LDDMYDTMLE .MDGVGLAAP QIGILKRAAV	
Active pdf	PLDQASLDI AKMMAYVDAS YNGD.AEKYG IIPGIGIAAN QIGYWQKM.F	
	PLTKEEKETL IAMREFLVS QDEEIAKRYG LRSGVGLAAP QINISKRM.I	
Pseudo pdf	101	150
E. coli pdfIDMEM.EGLLQLV N.....PKI ISQSNETITD LEGSITLPDV	
Haemop influIDVSEN RDER..LVLI N.....PEL LEKSGET.GI EEGCLSIPEQ	
Bacillus subIDVERGD KQNQ..FVLI N.....PEI LASEGET.GI EEGCLSIIPGF	
Mycopl pneuVEIGDD R.GR..IDLV N.....PEI LEKSSEQ.TG IEGCLSFPNV	
Active pdf	YIHLMD..GG VEHKCLLINP KIINLSANKS FLKSG.... EGCLSVPKM	
	AVLIPDDGSG KSYDYMLVNP KIVSHSVQEA YLPTG.... EGCLSVDDN	
Pseudo pdf	151	200
E. coli pdf	YG.EVTRSKM IVVESYD.VN GNKVELTAHE DVARMIL <u>HII</u> DQMNGIPFTE	
Haemop influ	RA.LVPRAEK VKIRALD.RD GKPFELEADG LLAICIQ <u>HEM</u> DHLVGKLFMD	
Bacillus sub	RA.LVPRKEK VTVRALD.RD GKEFTLDADG LLAICIQ <u>HEI</u> DHLNGILFVD	
Mycopl pneu	YG.DVTRADY VKVRAFN.RQ GKPFILEARG FLARAV <u>QHEM</u> DHLDGVLFDS	
Active pdf	HQGYVIRHEW ITITGFDWLQ QKEITITATG LFGMCL <u>QHEF</u> DHLQGRFYYH	
	VAGLVHRHN <u>K</u> ITIKAKD.IE GNDIQLRLKG YPAIVF <u>QHEI</u> DHLNGVMFYD	
Pseudo pdf	201	235
E. coli pdf	RADRILTDKE VEAYFINDRS HHHHHH ~~ ~~~~	
Haemop influ	YLSPLKQQRI RQKVEKLDRD KARA~~~~~ ~~~~	
Bacillus sub	YLSPLKRQRI KEKLIKYKKQ IAKS~~~~~ ~~~~	
Mycopl pneu	KISKYYTEDE LADMEG~~~ ~~~~~ ~~~~	
Active pdf	RINPLNPLFT NKEWKVINPA LSDSE~~~ ~~~~	
	HIDKDHPLOP HTDAVEV <u>H</u> HHH~~~~~ ~~~~	

FIGURE 4

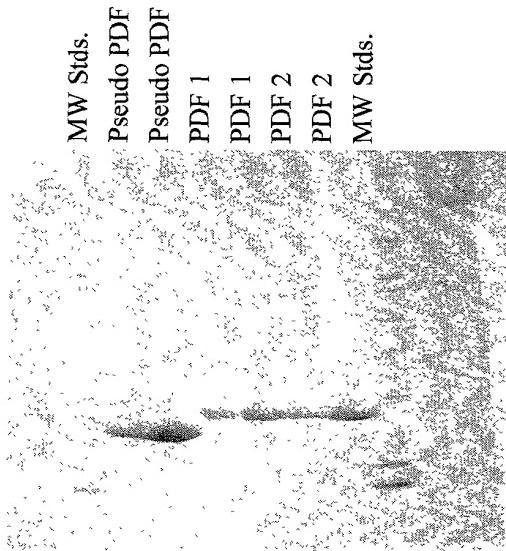
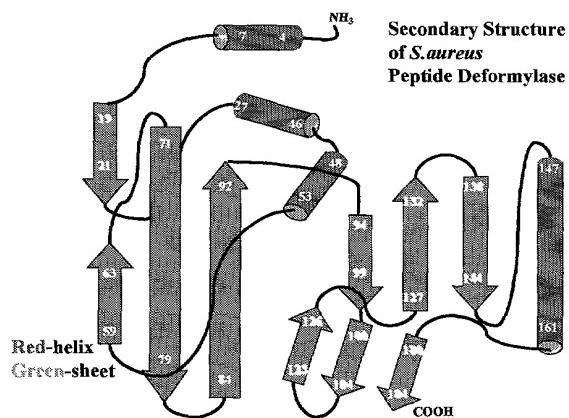


FIGURE 5



Title: CRYSTALLIZATION AND STRUCTURE OF *STAPHYLOCOCCUS AUREUS* PEPTIDE
DEFORMYLASE

Applicant(s): Eric T. BALDWIN et al. Serial No.: Unassigned Filed: Herewith
Docket: 6317.N Express Mail No.: EL 776903883 US Sheet 6 of 19

FIGURE 6

PDF Secondary Structure

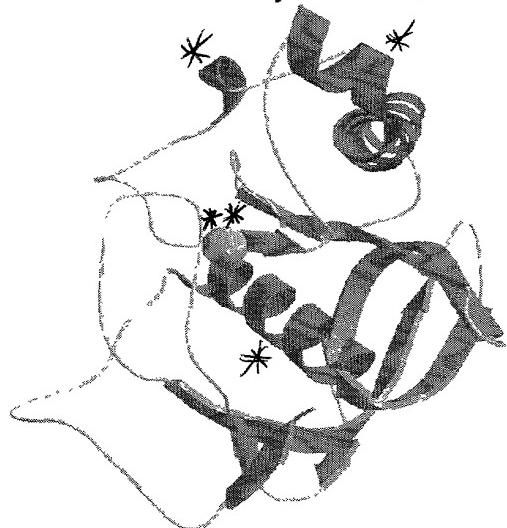
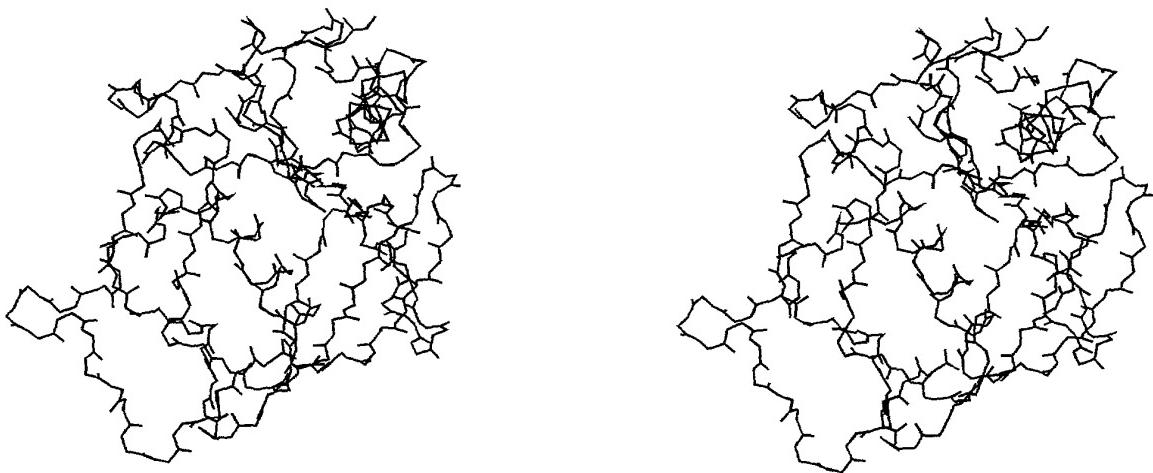


FIGURE 7



P E P T I D E • U S P S • 6 3 2 3 3 2 0 7

FIGURE 8

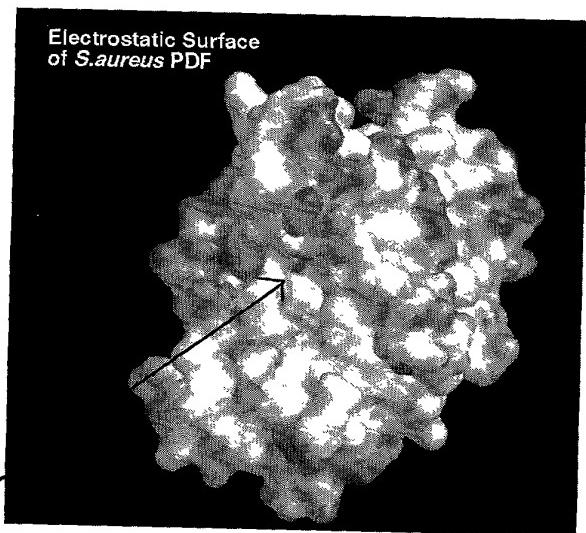


FIGURE 9

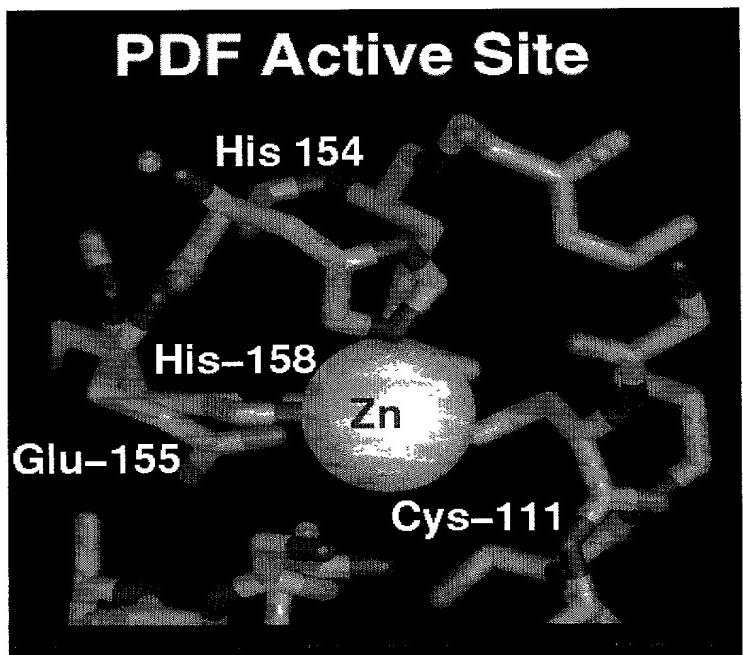


FIGURE 10

<i>S.aureu</i>	MLTMKDIIRDGHLRQAAEIELPLTEEKETLIMREFLVNSQDEEIAKRYG
<i>E.coli</i>	SV LRKVAKPVEEV EIQRIVDMFETMY
<i>S.aureu</i>	GVGLAPQINISKRMIAVLIPDDGSGKSYDLVNPKIVS SVQEAYLPTEGCL
<i>E.coli</i>	GIGLAATQVDIHQRIIVIDVSEN LINPELLES GETGI EGCL
<i>S.aureu</i>	VDDNVALVHRHNRI IKAKDIEGNDIQLRLKGYPALIVFQHEIDHINGVMFYDH
<i>E.coli</i>	IPEQR LVPRAEKV IRALDRDGKPFEADLIAICIQHEMDHIVGKLIFMDYL
<i>S.aureu</i>	DKDHPLQPHDAVEVHHH
<i>E.coli</i>	SPLKOORIROKVEKLDRLK

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FIGURE 11

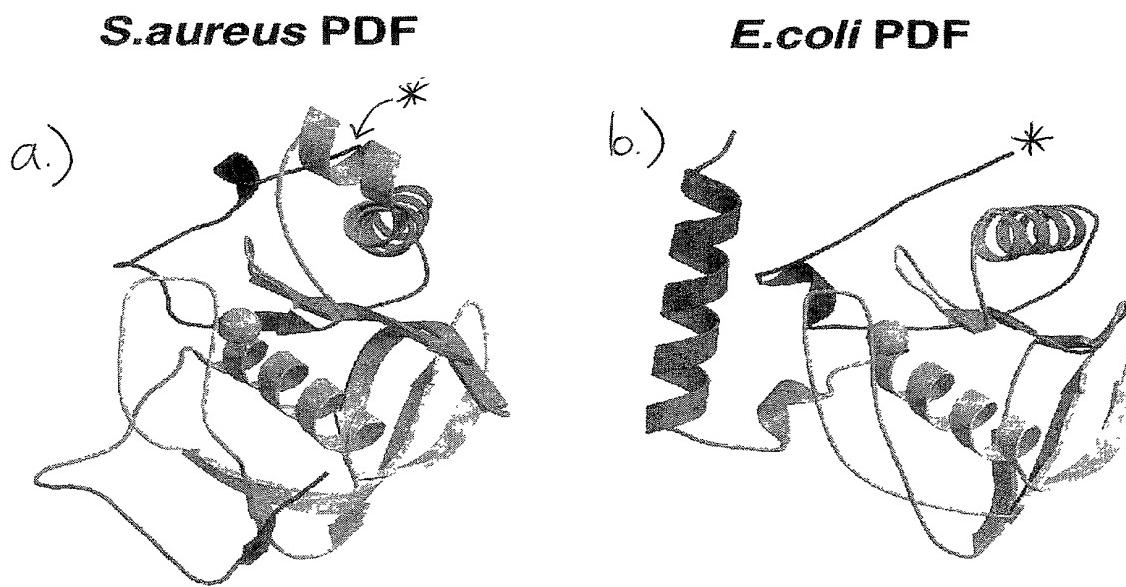


FIGURE 12

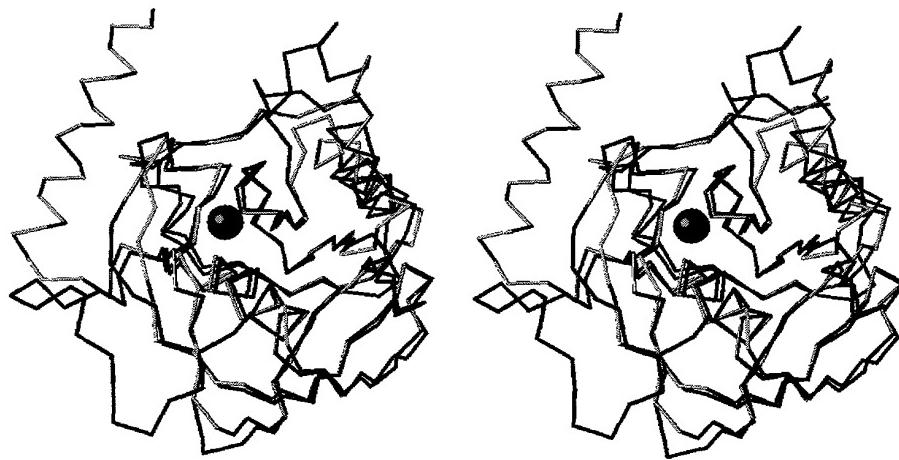


FIGURE 13

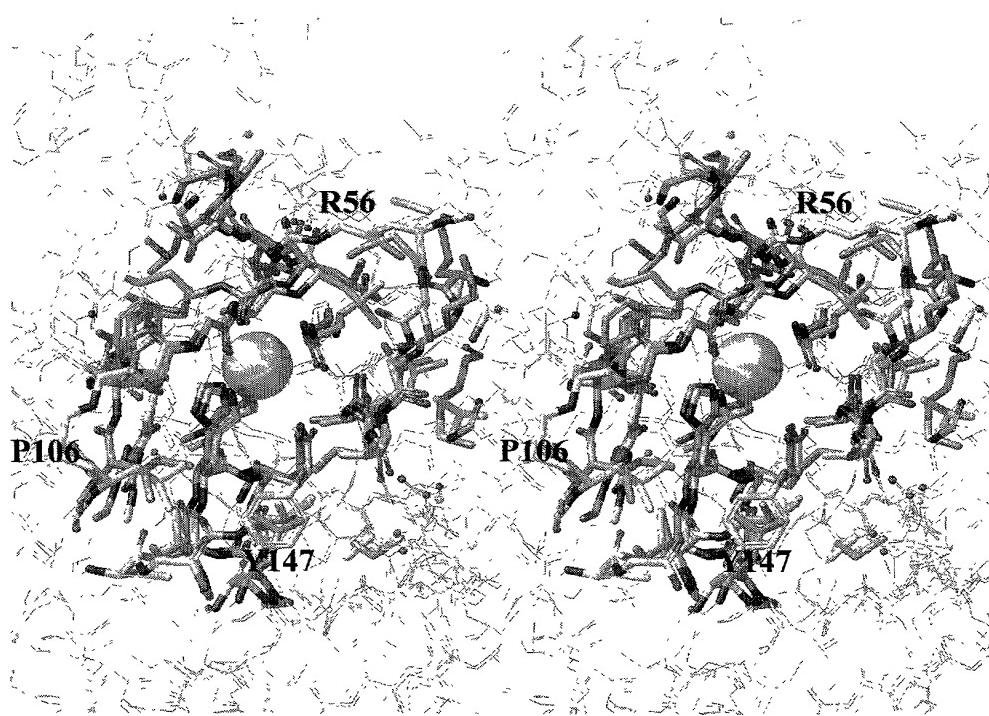


FIGURE 14

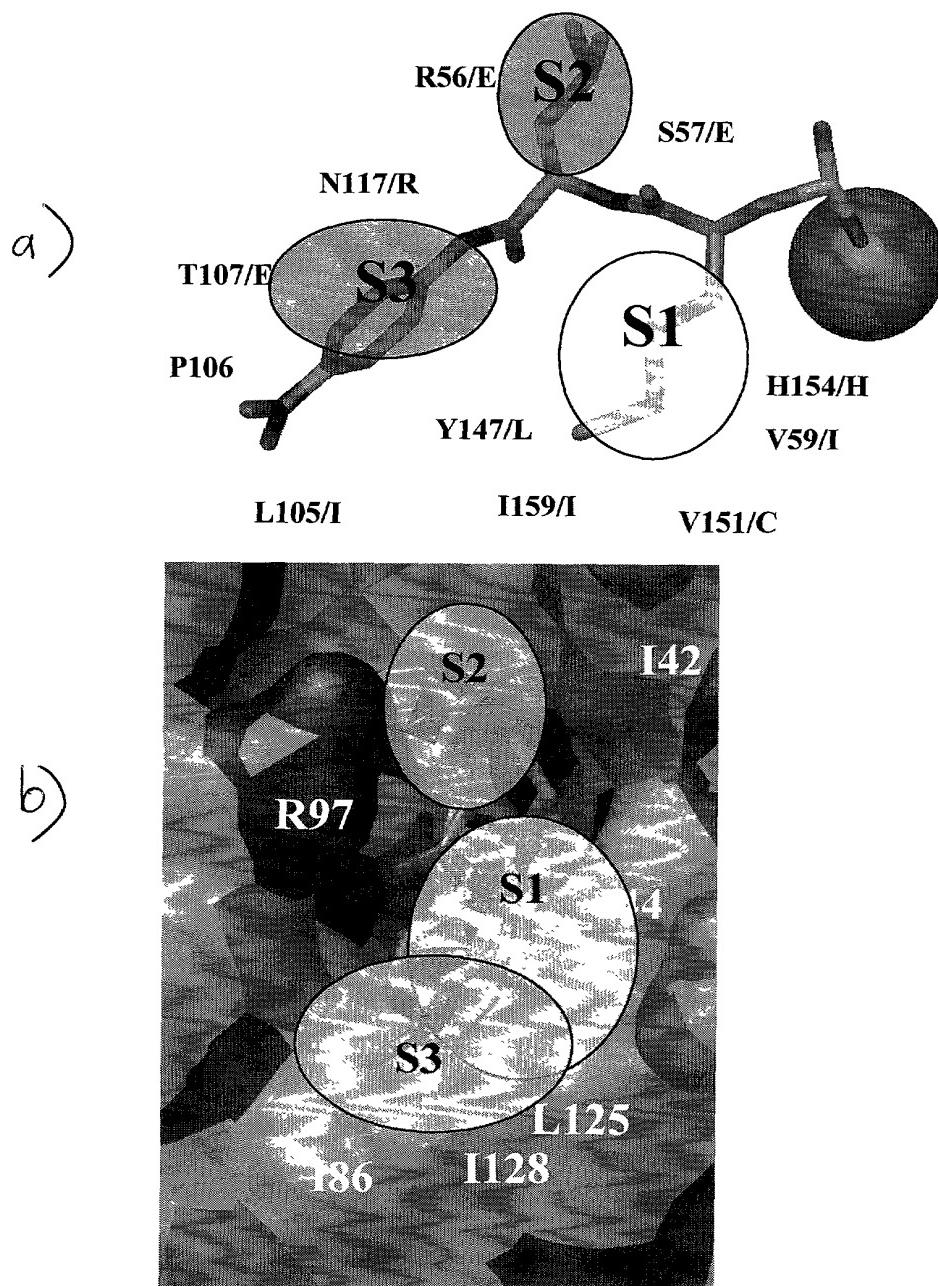
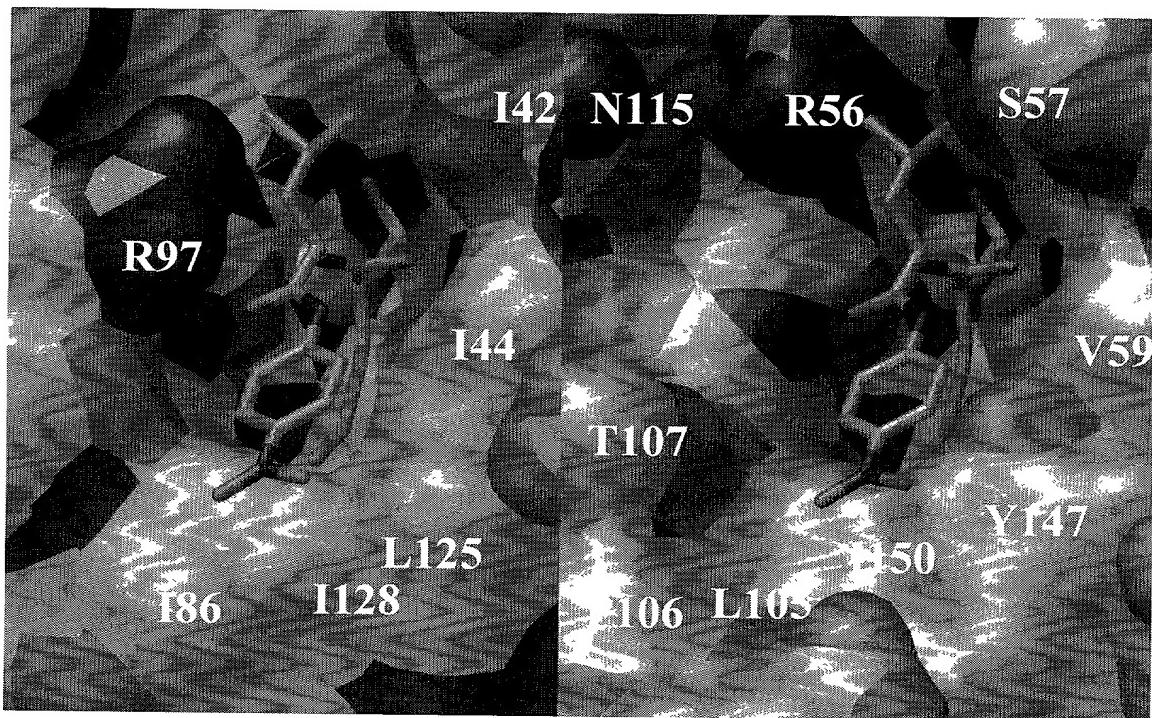


FIGURE 15



FIGURE 16



Title: CRYSTALLIZATION AND STRUCTURE OF STAPHYLOCOCCUS AUREUS PEPTIDE
DEFORMYLASE

Applicant(s): Eric T. BALDWIN et al. Serial No.: Unassigned Filed: Herewith
Docket: 6317.N Express Mail No.: EL 776903883 US Sheet 17 of 19

FIGURE 17

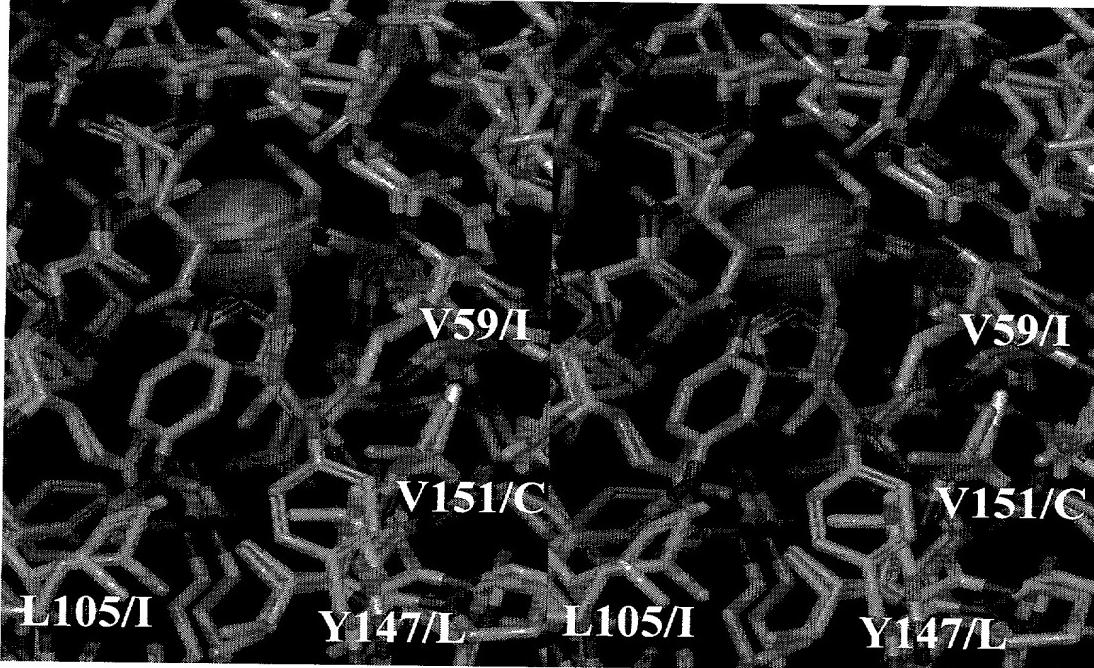


FIGURE 18

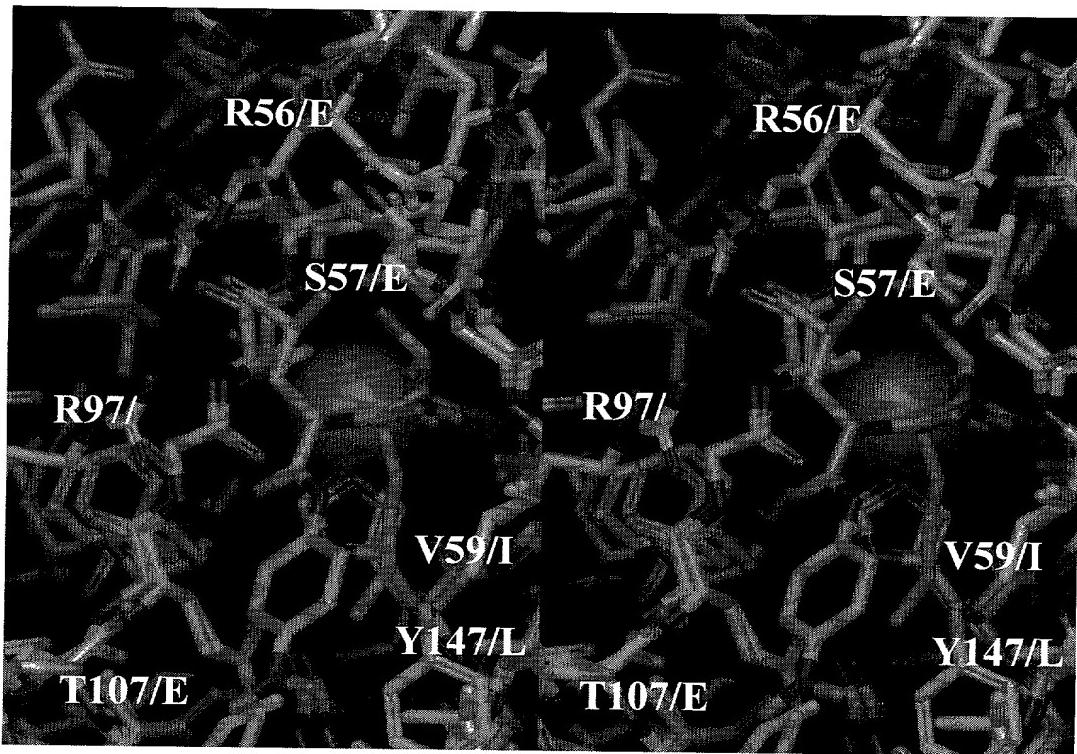


FIGURE 19

